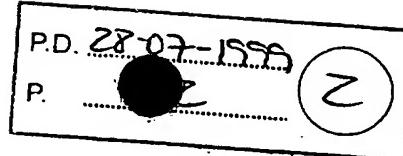


EMBL:AI895210

XP-002165269



6

ID AI895210 standard; 171 A; EST; 583 BP.

XX

AC AI895210;

XX

SV AI895210.1

XX

DT 28-JUL-1999 (Rel. 60, Created)

DT 04-MAR-2000 (Rel. 63, Last updated, Version 2)

XX

DE EST264653 tomato callus, TAMU Lycopersicon esculentum cDNA clone cLEC7I1.

DE mRNA sequence.

XX

KW EST.

XX

OS Lycopersicon esculentum (tomato)

OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;

OC Magnoliophyta; eudicots; core eudicots; Asteridae; euasterids I;

OC Solanales; Solanaceae; Solanum; Lycopersicon.

XX

RN [1]

RP 1-583

RA Alcala J., Vrebalov J., White R., Matern A.L., Vision T., Holt I.E.,

RA Liang F., Upton J., Craven M.B., Bowman C.L., Ahn S., Ronning C.M.,

RA Fraser C.M., Martin G.B., Tanksley S.D., Giovannoni J.,

RT "Generation of ESTs from tomato callus tissue";

RL Unpublished.

XX

CC On Dec 20, 1995 this sequence version replaced gi:1135977.

CC Contact: David Frisch

CC Clemson University Genomics Institute

CC Clemson University

CC 100 Jordan Hall, Clemson, SC 29634, USA

CC Tel: 864 656 4366

CC Fax: 864 656 4293

CC Email: dfrisch@CLEMSON.EDU

CC 5 prime sequence.

XX

FH Key Location/Qualifiers

FH

FT source 1..583

FT /db_xref="taxon:4081"

FT /db_xref="ESTLIB:1887"

FT /note="Vector: pBlueScript SK(-); Site_1: EcoR1; Site_2:
FT XbaI; supplier: Giovannoni laboratory; cLEC - Cotyledons of
FT seedlings 7-10 days post-germination were excised, cut at
FT both ends and placed on MS medium with no selection. Mixed
FT callus was harvested at 25 and 40 days and included
FT undifferentiated masses. Tomato Callus EST Library"
FT /organism="Lycopersicon esculentum"
FT /cultivar="TA496"
FT /clone="cLEC7I1"

FT /clone_lib="tomato callus, TAMU"

FT /tissue_type="callus"

FT /lab_host="XL1-Blue MRF"

FT /dev_stage="25-40 days old"

XX

SQ Sequence 583 BP; 171 A; 110 C; 137 G; 165 T; 0 other;

| | |
|---|-----|
| cagggttcat ggagaggtta ctaatcctga ggttgcacatg tttgatagag aaaaggtatt | 60 |
| cattgaaacg gttctaagac ctttggtgca gaaatttcca cgattgaagg tcgtgtatggaa | 120 |
| gcatgtcacc accatggatg ctgttaagtt tggtaatct tgcagtgaag gatttgttgc | 180 |
| agcgactgtc accccacaac atcttggttt aaacaggaat tctctttcc aagggggctt | 240 |
| acaaccgcataattactgcc ttccagtcct caaaaagagag atccacaggg aggcacttgt | 300 |

gtcagctgta acaagtggaa gtaaaagatt ttttcttggg actgatacg ctcctcatga 360
tagacgaaga aaagaatgt ttgtggatg tgctggatt tacaatgcgttgtagcptt 420
atcagtatat gcaaaggto taaaaagga aaatgcactt gacaagctt agcattac 480
cagcttcaat ggaccagact ttatggct tccgaggaac aactcaaaga ttaagtttag 540
taagacacca tggaaaggta ccgaatcctt ttcatatgca tca 583

//